BANGALORE ELECTRICITY SUPPLY COMPANY LIMITED

SECTION- IX

VOLUME-II

Bill of Quantities (BOQ)

PART-I SUPPLY PORTION				
SL No	**Particulars**	**Unit**	**Total Qty**	**Material code**
1	Supply & Erection of PSCC pole 9 mtr long 200kg W/L (for intermediate only)	No	**69**	200006
2	Supply & Erection of 11 kV, Horizontal Cross Arm with clamps, HTST supports, bolts, nuts and washers for PSCC Pole - 9 Mtr Long, 200 Kg WL-GI	set	**91**	CDS materials for General works
3	Supply & Providing of 45KN Composite polymer insulators.	No	**93**	283320
4	Supply & Providing of 11kV Composite Polymer pins insulators.(24mm dia FRP rod)	No	**195**	283008
5	Supply & Providing of Guy Set Complete with No. 15 Strain Insulator & Concreting materials- GI	set	**40**	CDS materials for General works
6	Supply & stringing of ACSR Rabbit conductor with 1.5% sag as per BESCOM Specification	Km	**19.75**	284108
7	Supply & Providing of Spiral Earth Electrode	No	**112**	281683
8	Supply & providing of 11kV class 200 AMPS Single Break GOS	Set	**5**	304212
9	Supply & providing of 11kV Spl 3pin X-arms, pole clamps, bolts for PSCC pole- GI	No	**4**	280013
10	Supply & providing of caution/Danger board as per drawing no.BESCOM/GM/CP/40/24.10.17	No	**5**	613050
11	Supply & Fixing of Anticlimbing Device GI Barbed Wire (12 mtrs/1kg)Lumpsum	Kg	**32**	278911
12	Supply & Erection of Double Pole Mounted Transformer kit for 63 kVA with 2 Nos of 9 mtr long PSCC Pole, 300KG W/L- GI	Set	**5**	CDS materials for General works
13	Supply & Erection of 11kV/433V, 63 kVA,3phase 50cys Distribution Transformer BEE-4star rated	No	**5**	321438
14	Supply & providing of Earthing materials pipe type for grounding as per Drawing No BESCOM/GM/CP/15&34 dt:24.10.17(Single Electrode with accessories)	No	**15**	281674+600095+ 607054, CDS 60
15	Supply & providing of GI wire 8SWG	kg	**25**	281008
16	Supply & providing of Guy wire 7/10SWG	kg	**50**	281110
17	Supply & providing of 11kV lightning arrestors, poliymer Type,9kV 5 kA (Set=3No)	Set	**5**	303202, CDS 60
18	Supply & providing of LT Protection kit	No	**5**	301107
19	Supply & providing of LT wiring (from 63 KVA DTC to LT line)			
	i) Al Lead Wire - 95 Sqmm	Mtr	**125**	289031
	ii) Heavy Duty Long Barrel Copper Lug - 95	No	**20**	288531

	Sqmm			
	iii) PG Clamp - Rabbit to 95 Sqmm	No	**20**	285508, CDS 60
	iv) Spacer for DTC Wiring	No	**20**	284503
	v) Fish Plate with necessary Clamps, bolts & nuts etc complete (Galvanised)	No	**16**	280800+280511, CDS 60
20	vi) LT Metering box with CTs and necessary wiring for housing ETV Meter (Please see CDS - 39)	No	**3**	CDS 39
21	Supply & providing of H.G.Fuse unit,11kV solid core Type(Set=3no)	Set	**5**	302122
22	supply & providing Transparent Alkathine tube 19mm dia, 2mm thick in coils of 30 mtrs	Coil	**5**	821900
23	PSCC Pole - 8 Mtr Long, 200 Kg WL (for Intermediate Pole)	No	**43**	200004
24	LT 4 Pin Cross Arm with clamps, bolts, nuts and washers for PSCC Pole - 8 Mtr Long, 200 Kg WL-GI	Set	**58**	280014, CDS materials for General works
25	1.1 kV Pin Insulator with GI Pin	No	**128**	283053, CDS 5
26	No. 8 Strain Insulator	No	**96**	283158
27	Supply & Providing of Guy Set Complete with No 8. Strain Insulator & Concreting materials-GI	Set	**19**	CDS materials for General works

PART-II ERECTION PORTION			
SL No	**Particulars**	**Unit**	**Total Qty**
1	Supply & Erection of PSCC pole 9 mtr long 200kg W/L (for intermediate only)	No	**69**
2	Supply & Erection of 11 kV, Horizontal Cross Arm with clamps, HTST supports, bolts, nuts and washers for PSCC Pole - 9 Mtr Long, 200 Kg WL-GI	set	**91**
3	Supply & Providing of Guy Set Complete with No. 15 Strain Insulator & Concreting materials-GI	set	**40**
4	Supply & stringing of ACSR Rabbit conductor with 1.5% sag as per BESCOM Specification	Km	**19.75**
5	Supply & Providing of Spiral Earth Electrode	No	**112**
6	Supply & providing of 11kV class 200 AMPS Single Break GOS	Set	**5**
7	Supply & providing of H - Frame Set for 11kV, 200Amps Single Break GOS Mounting - GI	Set	**0**
8	Supply & providing of 11kV Spl 3pin X-arms, pole clamps, bolts for PSCC pole- GI	No	**4**
9	Supply & providing of caution/Danger board as per drawing no.BESCOM/GM/CP/40/24.10.17	No	**5**

10	Supply & Fixing of Anticlimbing Device GI Barbed Wire (12 mtrs/1kg)Lumpsum	Kg	**32**
11	Supply & Erection of Double Pole Mounted Transformer kit for 63 kVA with 2 Nos of 9 mtr long PSCC Pole, 300KG W/L- GI	Set	**5**
12	Supply & Erection of 11kV/433V, 63 kVA,3phase 50cys Distribution Transformer BEE-4star rated	No	**5**
13	Supply & providing of Earthing materials pipe type for grounding as per Drawing No BESCOM/GM/CP/15&34 dt:24.10.17(Single Electrode with accessories)	No	**15**
14	Supply & providing of 11kV lightning arrestors, poliymer Type,9kV 5 kA (Set=3No)	Set	**5**
15	Supply & providing of LT Protection kit	No	**5**
16	Supply & providing of LT wiring (from 63 KVA DTC to LT line)		**0**
	i) Al Lead Wire - 95 Sqmm	Mtr	**125**
	ii) Heavy Duty Long Barrel Copper Lug - 95 Sqmm	No	**20**
	iii) PG Clamp - Rabbit to 95 Sqmm	No	**20**
	iv) Spacer for DTC Wiring	No	**20**
	v) Fish Plate with necessary Clamps, bolts & nuts etc complete (Galvanised)	No	**16**
17	vi) LT Metering box with CTs and necessary wiring for housing ETV Meter (Please see CDS - 39)	No	**3**
18	Supply & providing of H.G.Fuse unit,11kV solid core Type(Set=3no)	Set	**5**
19	PSCC Pole - 8 Mtr Long, 200 Kg WL (for Intermediate Pole)	No	**43**
20	LT 4 Pin Cross Arm with clamps, bolts, nuts and washers for PSCC Pole - 8 Mtr Long, 200 Kg WL-GI	Set	**58**
21	Supply & Providing of Guy Set Complete with No 8. Strain Insulator & Concreting materials-GI	Set	**19**
22	Guy concreting with Boulders, Mud and Sand	No	**19**